
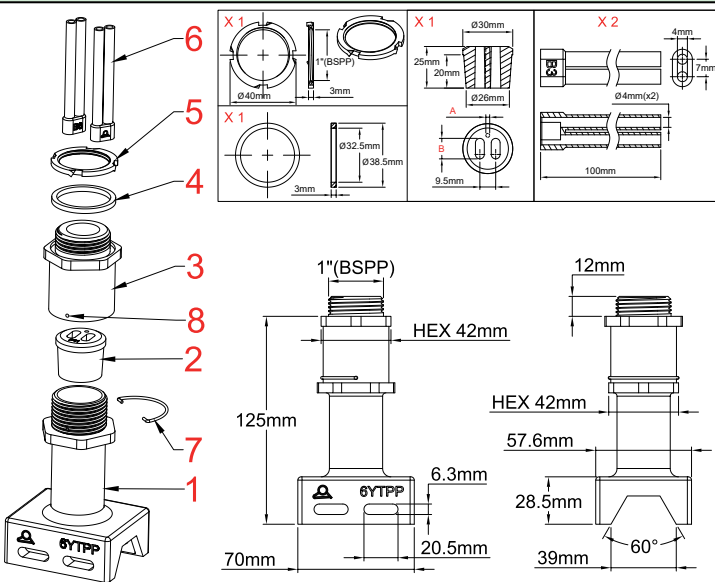


Heat tracing pipe mounting feet for connection boxes, **includes gasket for flat self-regulating cables up to 6 x13mm, and for temperature sensor. Self-locking of the gasket tightening. (1" thread).**



Material	Fixing	Distance to pipe	Assembly on box		Type
PPS	On pipe	~120mm	Screwed		6YTPP





**1:** Lower part of the foot; **2:** Heating cable and temperature sensor sealing gasket; **3:** Upper part of the foot; **4:** Box gasket; **5:** Box locking nut; **6:** Bus wires insulator boot; **7:** Self locking spring; **8:** Self locking spring pin passage; **9:** Locking blind hole.

### Applications

These PPS feet allow mounting of heating cable connection boxes on the pipes, keeping a space of about 120mm with the pipes, which allows thermal insulation and its protection to be installed. The foot also serves as a **waterproof passage for one or two heating cables and possibly a temperature sensor cable**. The tightening of the seal is self-locking to avoid prohibited unscrewing.

### Main features

**Boot material:** PPS (Polyphenyl sulphide). This hard, semi-crystalline material has exceptional chemical resistance, good thermal stability and high resistance to fire and high temperatures.

**Sealing gasket:** Silicone, with many possible combinations of cable holes section. Special dimensions on request.

**Stripped bus wire insulation boot:** Supplied in standard.

**Assembly on the box:** By a 32.5mm diameter hole drill. The tightening is done by a grooved nut, with locking lugs. In addition to a large part of the boxes in this catalog, these feet are also compatible **with all boxes available on the market** whose size allows to drill a 32.5mm hole on one of their faces.

**Pipe mounting:** By 2 metal hose clamps or by 2 Nylon cable ties.

### Main part numbers

Reference	Gasket type	Compatibility with products of this catalogue*
6YTPPCP9801B32	6YTRP01	Y29C, Y29D, Y7PB13D, Y8W-Z
6YTPPCP9811B32	6YTRP11	Y29C, Y29D, Y7PB13D, Y8W-Z
6YTPPCP9821B32	6YTRP21	Y29C, Y29D, Y7PB13D, Y8W-Z
6YTPPCP9802B32	6YTRP02	Y29C, Y29D, Y7PB13D, Y8W-Z
6YTPPCP9812B32	6YTRP12	Y29C, Y29D, Y7PB13D, Y8W-Z
6YTPPCP9822B32	6YTRP22	Y29C, Y29D, Y7PB13D, Y8W-Z

\* These feet are also compatible **with all boxes available on the market** whose size allows to drill a 32.5mm hole on one of their faces.



**Main waterproof foot sealing gaskets \***

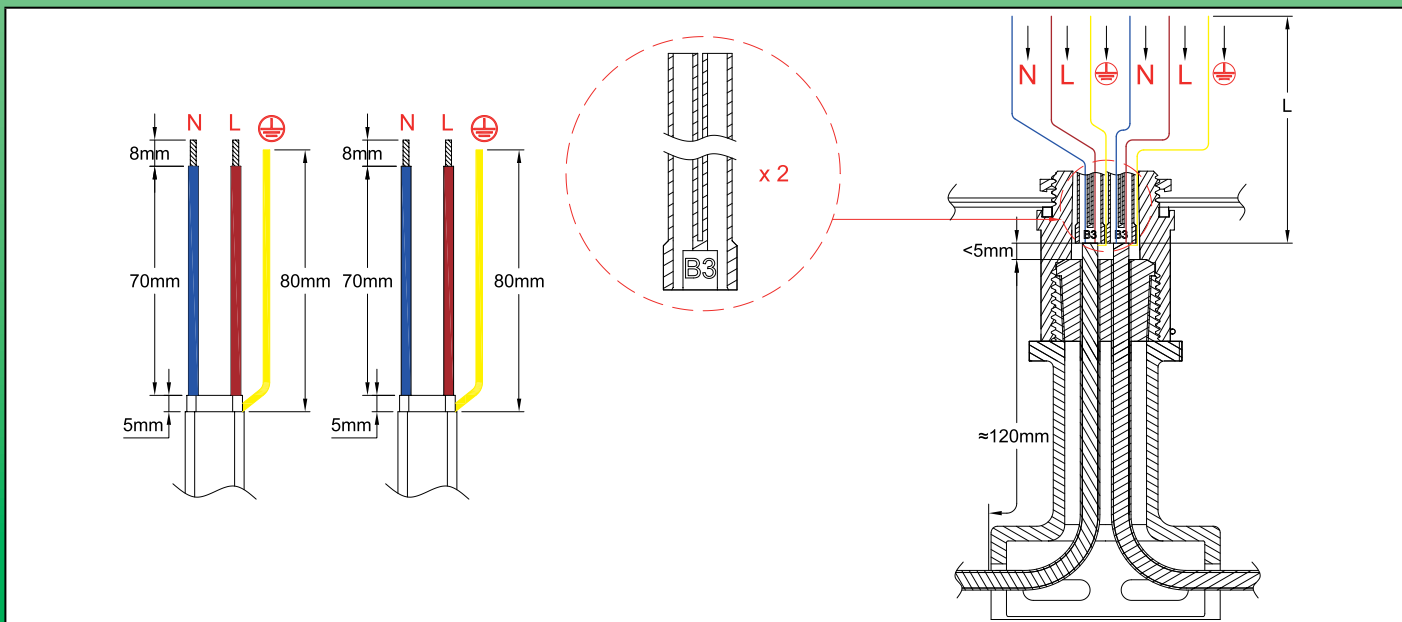
	A max.	A min.	B max.	B min.	C max.	C min.	Reference of the component **	Code in the leg reference
	3mm	2mm	11mm	9.5mm	3.5mm	2.5mm	6YTRP01	01
	3mm	2mm	13mm	11mm	6mm	4mm	6YTRP11	11
	3mm	2mm	9.5mm	8mm	6mm	5mm	6YTRP21	21
	0mm	0mm	11mm	9.5mm	3.5mm	2.5mm	6YTRP02	02
	0mm	0mm	13mm	11mm	6mm	4mm	6YTRP12	12
	0mm	0mm	9.5mm	8mm	6mm	5mm	6YTRP22	22

\* The sealing gaskets are delivered with a plug allowing to close one of the 2 orifices for the heating cables, for cases where the foot uses only one heating cable.

\*\* This reference must be used to purchase the sealing gasket alone as a spare part.

**Stripping dimensions of heating cables.**




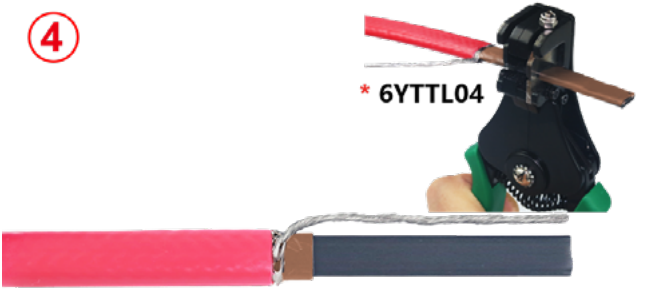




(More detailed instructions are available in the technical introduction)



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### Self-regulating cables assembly steps

<p>①</p>  <p>* 6YTTL04</p>	<p>②</p> 
<p>1: Cut the cable, remove the external jacket on the requested length.</p>	<p>2: Unweave the braid on all this length with a tool with round edges or a screw driver. (For more details about this step #2, read the technical introduction).</p>
<p>③</p> 	<p>④</p>  <p>* 6YTTL04</p>
<p>3: Twist the braid to make a round wire.</p>	<p>4: Remove the electric insulation sleeving on the requested length</p>
<p>⑤</p>  <p>* 6YTTL05</p>	<p>⑥</p>  <p>* 6YTTL04</p>
<p>5: Cut and remove the heating section between the two bus wires on the requested length.</p>	<p>6: Strip off the semiconductor plastic remaining on the bus wire ends to the requested length.</p>
<p>⑦</p> 	<p>⑧</p> 
<p>7: Cut the stripped bus wires and the ground wire to the requested length.</p>	<p>8: Place the foot on the heating cables and on the temperature sensor cable, bringing them out from above, then slide the gasket over the cables. The outer insulating sheath must protrude from the gasket.</p>

\* These exclusive tools are available in accessories section

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**9:** Pour RTV silicone inside the main hole of the silicone boot.



**10:** Slide the insulating sleeves over the conductors of the heating cables, leaving the ground conductor outside.



**11:** Compress the seal by screwing the upper part of the foot. When tightening is complete, a small spring comes to block the assembly (To disassemble, it is necessary to remove this small semi-circular spring). Then it is possible too install this leg through a 32.5mm hole on the selected enclosure.

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